

ABSTRACT

A crankshaft of an engine is coaxially connected with a main shaft of a transmission through an input shaft. In the transmission, a counter shaft is incorporated below and in parallel with the main shaft. There are provided a main transmission and a sub transmission between the main shaft and the counter shaft. The driving force of the engine is divided into a front driving force and a rear driving force by a center differential and the front driving force is transmitted from the counter shaft to front wheels through a front drive shaft incorporated below and in parallel with the counter shaft and a front differential. The rear driving force is transmitted to rear wheels through a rear drive shaft and a rear differential.